

EXAMINER 'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joseph M. Barich on 06-17-05.

The application has been amended as follows:

In the claims:

Claim 34, line 9, after "wherein", insert --- at least one unit band pass filtering and under sampling bins from transmitter to provide a signal corresponding to a fewer than all of the bins transmitted by the transmitter, and ---.

Claim 34, line 11, after "symbols", insert --- by a multiple of a predetermined phase angle ---.

Claim 39, line 9, after "wherein", insert --- at least one unit band pass filtering and under sampling bins from transmitter to provide a signal corresponding to a fewer than all of the bins transmitted by the transmitter, and ---.

Claim 39, line 10, after "symbols", insert --- by a multiple of a predetermined phase angle ---.

Reason for Allowance

2. Regarding claims 34-37, and 39-42, the prior art fails to teach or suggest a communication system employing radio frequency mixing frequencies to transmit and receive data symbols comprising a plurality of remote units, wherein at least one unit band pass filtering and under sampling bins from transmitter to provide a signal corresponding to a fewer than all of the bins transmitted by the transmitter, and the at least one unit is responsive to the at least one predetermined signal to adjust the phase of at least some of the received data symbols by a multiple of a predetermined phase angle, in combination with other limitations, as specified in the independent claims 34, and 39.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc Ho whose telephone number is (571) 272-3147. The examiner can normally be reached on Monday through Friday from 7:00 am to 3:30 pm.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (571) 272-3155.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2665

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner

A handwritten signature in black ink, appearing to read 'Duc Ho', with a stylized flourish at the end.

Duc Ho

06-21-05